

2633

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(to be used for all correspondence after initial filing)

Application Number	09/884,562	RS
Filing Date	June 19, 2001	#
First Named Inventor	Robert Mays	5
Art Unit	2633	4-28-04
Examiner Name	Unassigned	
Attorney Docket Number	MYS-01-09-13	

Total Number of Pages in This Submission

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<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Forty-three (43) References
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Firm or Individual name	Law Office of Kenneth C. Brooks
Signature	<i>Kenneth C. Brooks</i>
Date	4/19/04

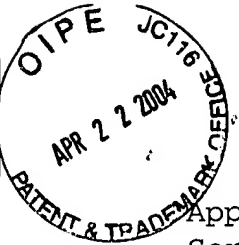
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Typed or printed name	Alexis Sheffield		
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert Mays
Serial No.: 09/884,562
Filing Date: June 19, 2001
For: NETWORK ROUTING EMPLOYING FREE SPACE OPTICAL BROADCASTING.

PATENT APPLICATION
Group Art Unit: 2633
Examiner: Unassigned

INFORMATION DISCLOSURE STATEMENT

Commissioner
for Patents
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Sir:

The following information is submitted in compliance with Applicants' duty of disclosure under 37 C.F.R. §1.56. No item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. §1.56 more than three (3) months prior to the filing of this information disclosure statement. Form PTO-1449 and the requisite copies of each reference recited below accompanies this document. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

ISSUED PATENTS

<u>Patent Number</u>	<u>Inventor</u>	<u>Grant Date</u>
3,610,926	Kastner et al.	10/05/1971
4,296,994	Quick et al.	10/27/1981
4,359,259	Horner et al.	11/16/1982
4,392,709	Horner et al.	07/12/1983
4,807,978	Grinberg et al.	02/28/1989
4,897,541	Phillips	01/30/1990
4,991,150	Wixom	02/05/1991
5,008,890	McFarlane	04/16/1991
5,103,324	Brandstetter	04/07/1992
5,245,623	McFarlane	09/14/1993

5,325,386	Jewell et al.	06/28/1994
5,369,415	Richard et al.	11/29/1994
5,399,315	Paz-Pulalt et al.	03/21/1995
5,411,709	Furuki et al.	05/02/1995
5,442,433	Hoshino et al.	08/15/1995
5,446,334	Gaffney	08/29/1995
5,467,104	Furness, III et al.	11/14/1995
5,521,913	Gridley	05/28/1996
5,596,339	Furness, III et al.	01/21/1997
5,602,679	Dolgoff et al.	02/11/1997
5,622,868	Clarke et al.	04/22/1997
5,659,327	Furness, III et al.	08/19/1997
5,822,091	Baker	10/13/1998
5,857,042	Robertson et al.	01-05-1999
5,886,822	Spitzer	03/23/1999
5,915,097	Chaol	06/22/1999
6,008,781	Furness, III et al.	12/28/1999
6,079,252	Tabler et al.	06/27/2000
6,081,430	La Rue	06/27/2000
6,083,767	Tjaden et al.	07/04/2000
6,284,546	Bryning et al.	09/04/2001
6,304,894	Ford, Joseph Earl	10/16/2001
6,449,066	Arns et al.	09/10/2002
6,452,700	Mays Jr., Robert	09/17/2002
6,486,984	Baney et al.	11/26/2002
6,542,264	Agranat et al.	04/01/2003

Patent Application Publications

<u>Publication Number</u>	<u>Inventor</u>	<u>Pub. Date</u>
US 2002/0191598	Mays, Robert Jr.	12/19/2002
US 2002/0089709	Mays, Robert Jr.	07/11/2002
US 2002/0024702	Mays, Robert Jr.	02/28/2002
US 2002/0167698	Mays, Robert Jr.	11/14/2002

NON-PATENT DOCUMENTS

"United States Frequency Allocations-1996"

<http://www.autoid.org/documents/freqallochrt.pdf>

Stewart, James E. " Optical Principles and Technology For Engineers," Library of Congress Cataloging-in-Publication Data, 1996, pp. 45-81.

Hariharan, P. "Optical Holography: Principles, Techniques, and Applications," Library of Congress Cataloging-in-Publication Data, 1996, pp. 213-123.

CERTIFICATE OF MAILING

Respectfully Submitted,

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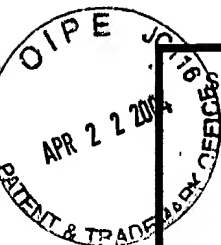
Respectfully,



Kenneth C. Brooks

Reg. No. 38,393

P.O. Box 81536
Austin, Texas 78708-1536
Telephone: 512-527-0104
Facsimile: 512-527-0107
patentsrus@earthlink.net



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	09/884,562
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First Named Inventor	Robert Mays
Group Art Unit	2633
Examiner Name	Unassigned
Attorney Docket Number	MYS-01-09-13

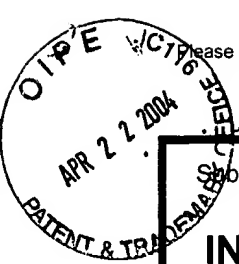
U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	B1	3,610,926		Kastner et al.	10-05-1971	
	B2	4,296,994		Quick et al.	10-27-1981	
	B3	4,359,259		Horner et al.	11-16-1982	
	B4	4,392,709		Horner et al.	07-12-1983	
	B5	4,807,978		Grinberg et al.	02-28-1989	
	B6	4,897,541		Phillips	01-30-1990	
	B7	4,991,150		Wixom	02-05-1991	
	B8	5,008,890		McFarlane	04-16-1991	
	B9	5,103,324		Brandstetter	04-07-1992	
	B10	5,245,623		McFarlane	09-14-1993	
	B11	5,325,386		Jewell et al.	06-28-1994	
	B12	5,369,415		Richard et al.	11-29-1994	
	B13	5,399,315		Paz-Pujalt et al.	03-21-1995	
	B14	5,411,709		Furuki et al.	05-02-1995	
	B15	5,442,433		Hoshino et al.	08-15-1995	
	B16	5,446,334		Gaffney	08-29-1995	
	B17	5,467,104		Furness, III et al.	11-14-1995	
	B18	5,521,913		Gridley	05-28-1996	
	B19	5,596,339		Furness, III et al.	01-21-1997	
	B20	5,602,679		Dolgoft et al.	02-11-1997	
	B21	5,622,868		Clarke et al.	04-22-1997	
	B22	5,659,327		Furness III, et al.	08-19-1997	
	B23	5,822,091		Baker	10-13-1998	
	B24	5,857,042		Robertson et al.	01-05-1999	
	B25	5,886,822		Spitzer	03-23-1999	
	B26	5,915,097		Chao	06-22-1999	
	B27	6,008,781		Furness, III et al.	12-28-1999	
	B28	6,079,252		Tabler et al.	06-27-2000	
	B29	6,081,430		La Rue	06-27-2000	
	B30	6,083,767		Tjaden et al.	07-04-2000	
	B31	6,284,546		Bryning et al.	09-04-2001	
	B32	6,304,894		Ford, Joseph Earl	10-16-2001	
	B33	6,449,066		Arns et al.	09-10-2002	
	B34	6,452,700		Mays Jr., Robert	09-17-2002	
Examiner Signature					Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete if Known

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Filing Date	June 19, 2001
First Named Inventor	Robert Mays
Group Art Unit	2633
Examiner Name	Unassigned
Attorney Docket Number	MYS-01-09-13

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	B37	Mays, Robert Jr. "Computer Backplane Employing Free-Space Optical Interconnect," U.S. Patent Application Publication 2002/0089709. Published on July 11, 2002.	
	B38	Mays, Robert Jr. "Network Switch Employing Free-Space Optical Switching Technology," U.S. Patent Application Publication 2002/0191598. Published on December 19, 2002.	
	B39	"United States Frequency Allocations-1996," http://www.autoid.org/documents/freqallochrt.pdf	
	B40	Mays, Robert Jr. "Filtering Technique For Free Space Interconnects," U.S. Patent Application Publication 2002/0024702. Published on February 28, 2002.	
	B41	Mays, Robert Jr. "Polarized-Holographic Filtering Providing Improved Extinction Ratio. U.S. Patent Application Publication 2002/0167698. Published on November 14, 2002.	
	B42	Stewart, James E. "Optical Principles and Technology For Engineers," Library of Congress Cataloging-in-Publication Data, 1996, pp. 45-81.	
	B43	Hariharan, P. "Optical Holography: Principles, Techniques, and Applications," Library of Congress Cataloging-in-Publication Data, 1996, pp. 213-123.	

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